PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE nder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/780594 TRANSMITTAL Filing Date 2/18/2004 FORM First Named Inventor Backes Art Unit (to be used for all correspondence after initial filing) **Examiner Name** Attorney Docket Number 160-057 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please **Terminal Disclaimer** Extension of Time Request Identify below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Mary Steubing Individual name Signature Date CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Date Signature

This collection of information is required by 37 CFR 1.5/The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

applicant(s): Backes

Serial No.: 10/780594

Filed: 2/18/2004

Title: Program for Associating Access Points with

Stations Using Bid Techniques

Attorney Docket No.: 160-057

Group Art Unit:

Examiner:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 33212-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted before the mailing date of the first office action on the merits.

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, if required, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 33212.

Date of Deposit: 10/26/64

Typed Name: Mary Steubing

7.

Respectfully submitted,

Mary Steubing Reg. No. 37,946 Attorney/Agent for Applicant(s)

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Date: 10/22/04

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Substitute for form 1449A/PTO Complete if Known **Application Number** 10/780594 INFORMATION DISCLOSURE 2/18/2004 Filing Date STATEMENT BY APPLICANT First Named Inventor **Backes** (use as many sheets as necessary) Art Unit Examiner Name 2 160-057 Attomey Docket Number Sheet 1 of

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US- 2004/0137915 A1 US- 2003.0207699 A1	7/15/2004 11/6/2003	Diener et al. Shpak			
		US- 2002/0193113 A1 US- 2002/0141375 A1	12/19/2002 10/3/2002	Shibutani Choi			
		US- 2003/0022686 A1 US- 2002/0176437 A1	1/30/2003 11/28/2002	Soomro et al. Busch et al.			
		US- 2003/0002456 A1 US- 2002/0060995 A1	1/2/2003 5/23/2002	Soomro et al.			
		US- 6,741,863 B1	5/25/2004	Cervello et al. Chiang et al.			
		US- 6,560,462 B1 US- 6,332,007 B1	5/6/2003 12/18/2001	Ravi et al. Wu et al.			
		US- 6,208,629 B1 US- 6,198,924 B1	3/27/2001 3/6/2001	Jaszewski et al. Ishii et al.			
**************		US- 6,760,748 B1 US- 6,111,867	7/6/2004 12/12/1997	Hakim Mann			
		US- 6,574,477	10/6/1999	Rathunde			
		US- 6,732,163	5/20/1999 1/5/2000	Nielson Halasz	••••••		
		US- 6,215,779 US- 6,636,737 US- 6,738,599	9/22/1998 4/10/2000 3/14/2002	Bender Hills Black			
		US- 6,522,881 US- 6,208,629	3/8/2000 3/10/1999	Feder Jaszewski			

FOREIGN PATENT DOCUMENTS								
		Foreign Patent Document		No	Pages, Columns, Lines,			
Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
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Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Substit	ute for form 1449B/F	то	-	Comple	Complete if Known		
				Application Number	10/780594		
	NFORMATION (DISC	LOSURE	Filing Date	2/18/2004		
	STATEMENT BY			First Named Inventor	Backes		
	(use as many sheet			Group Art Unit			
				Examiner Name			
Sheet	2	of	2	Attorney Docket Number	160-057		

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite ₁ No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
		IEEE, Wireless LAN Mediumj Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages.				
		MICHAEL BARR, "Toward a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.				
		Moustafa Youssef, "Handling Samples Correlation in the Horus System", IEEE INFOCOM 2004				
		Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs – research , January 19, 2000.				
		Ana Zapater et. Al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook – University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.	******			
		Walter Klotz, "Graph Coloring Algorithms", 1999.				
		Brent N. Chun et. Al., "Market-based Proportional esource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.				
		The Four Color Theorem, Web page, author(s) unknown, updated November 13, 1995.				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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